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PATENT

Attorney Reference Number 4641-56502

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hirayanagi et al.

Application No. 09/749,865

Filed: December 27, 2000

For: WAFER CHUCKS ALLOWING
CONTROLLED REDUCTION OF
SUBSTRATE HEATING AND RAPID
SUBSTRATE EXCHANGE

Examiner: Ram N. Kacker

Date: July 7, 2003

Art Unit: 1763

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on July 7, 2003 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Donald L. Stephens Jr.
Attorney for Applicant

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

TRANSMITTAL LETTER

Enclosed is a re-submitted Amendment for the above application. The Amendment is re-submitted in response to a Notice of Non-Compliant Amendment (Voluntary Revised Practice), dated June 13, 2003, issued against the original Amendment dated June 6, 2003.

- No fee is believed to be required. However, the Director is hereby authorized to charge any fees that may be required to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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By *Donald L. Stephens Jr.*
Donald L. Stephens Jr.
Registration No. 34,022

cc: Docketing

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John J. Kacker
Attorney for Applicant

Date: July 7, 2003

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ALEXANDRIA, VA 22313-1450

AMENDMENT AND REPLY TO OFFICE ACTION

This responds to the Office action dated March 12, 2003. Please amend the referenced application as follows:

Amendments to the Specification begin on page 2.

Amendments to the Claims are reflected in the listing of claims, which begins on page 5.

Remarks begin on page 11.